

PROJECT DESCRIPTION

This project involves the replacement of all existing loop detectors at MD 7A and Lewis Lane in Baltimore County. MD 7A is assumed to run in a east-west direction.

INTERSECTION OPERATION

The intersection operates in a NEMA four phase, full-actuated mode, with an E/P left-turn for EB MD 7A.

EQUIPMENT TO BE FURNISHED BY SHA

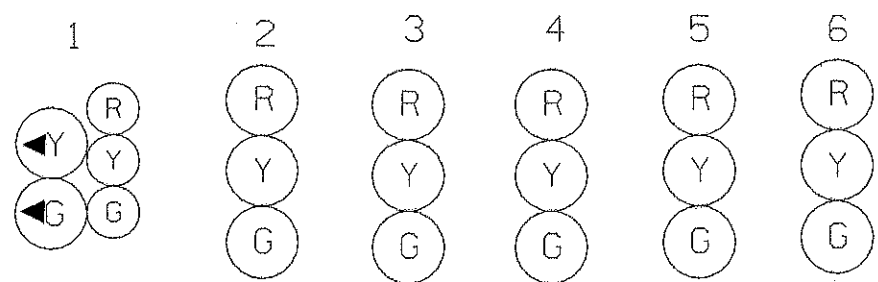
EQUIPMENT TO BE FURNISHED AND/OR TO BE INSTALLED BY THE CONTRACTOR

1001	1	EA	MAINTENANCE OF TRAFFIC
8029	2	EA	FURNISH AND INSTALL MICROLOOP PROBE SET WITH 500 FOOT LEAD-IN
8051	15	LF	FURNISH AND INSTALL 3" SCHEDULE RIGID PVC CONDUIT - TRENCHED
8060	80	LF	FURNISH AND INSTALL 1 INCH ELECTRICAL CONDUIT- GALVANIZED SLEEVE
8072	1	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8081	60	LF	FURNISH AND INSTALL ELECTRICAL CABLE- 2 CONDUCTOR (ALUMINUM SHIELD)
8087	972	LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8088	244	LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
NEG	1	EA	FURNISH AND INSTALL 3" 90° PVC BEND IN EXISTING POLE BASE

CONTACT LIST

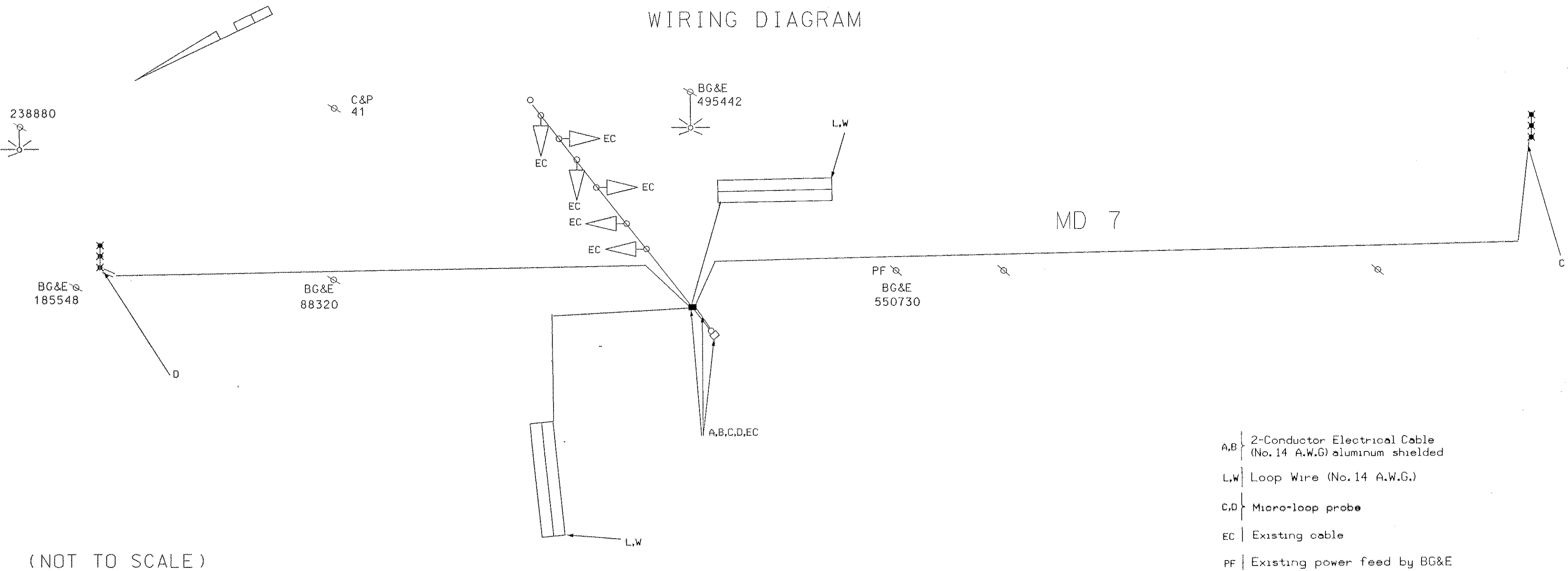
Mr. Randall Scott, Assistant District Engineer- Traffic
Phone: (410) 321-2781
Mr. Joseph McMahon, Assistant District Engineer-Utilities
Phone: (410) 321-2841
Mr. Edward Rodenhizer, Chief
SHA Traffic Signal Shop
Phone: (410) 787-7650
Mr. Richard Daff SR., Chief
Traffic Operations Division
Phone: (410) 787-7630

PHASE CHART




Phase 2 & 5	◀G-G	G	R	R	R	R	◀
2 & 5 Change	THE CONTROLLER MAY SKIP TO PHASES 2 & 6 OR 4						↓
Phase 2 & 6	G	G	G	G	R	R	◀
2 & 6 Change	Y	Y	Y	Y	R	R	→
Phase 4	R	R	R	R	G	G	↑
4 Change	R	R	R	R	Y	Y	↑
Fashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	↕

WIRING DIAGRAM



REVISIONS				APPROVALS			
				TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION			
				ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION			
				CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION			
				DIRECTOR, TRAFFIC & SAFETY			
(A) REPLACE EXISTING LOOPS SHA *** 1065385 DATE: 04/30/2002							
BFVD							



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 7A (Revolution St.) @ LEWIS LANE

DRAWN BY: R.E. WATSON
CHECKED BY: R.E. WATSON
SCALE: 1"=20'
DATE: 12-1-81

F.A.P. NO. H-671-501-471
S.H.A. NO. HARFORD
COUNTY: HARFORD
LOG MILE: 12A00700.90

TS NO. TS-1846
T.I.M.S. NO. F-190
SHEET NO. 02 OF 02